

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Note: All of the claims (even previously canceled claims) must be listed and the status for each must be provided using the following status identifiers provided below.

1.-24. (canceled).

25. (previously presented) A wideband code division multiple access (W-CDMA) drift radio network controller (DRNC) comprising:

a logic device configured to control a measurement request device such that the measurement request device requests common measurements using a global procedures module of a radio network sublayer application part (RNSAP) procedures over a radio network controller interface (IUR) for another radio network controller (RNC), the common measurements including received total wideband power, load and global positioning system (GPS) timing information; and

the logic device configured to control the measurement request device such that the measurement request device requests user measurements from a serving radio network controller (SRNC) using RNSAP procedures over the IUR, the user measurements including received signal code power (RSCP) and interference signal code power (ISCP).

26. (previously presented) The DRNC of claim 25 wherein the RSCP is the

RSCP of a common control channel.

27. (previously presented) The DRNC of claim 25 wherein the measurement request device is configured to receive responses to the requests for common measurements and user measurements.

28. (previously presented) The DRNC of claim 25 comprising a measurement collection device for storing the received responses.

29. (previously presented) A wideband code division multiple access (W-CDMA) serving radio network controller (SRNC) comprising:

a measurement response device configured such that the measurement response device in response to receiving requests for common measurements using a global procedures module of a radio network sublayer application part (RNSAP) procedures from a radio network controller interface (IUR), sending a response message using the global procedures module of the RNSAP procedures over the IUR, the common measurements including received total wideband power, load and global positioning system (GPS) timing information; and

the measurement response device configured such that in response to receiving requests for user measurements from a drift radio network controller (DRNC) using RNSAP procedures via the IUR, the measurement response device sends the user measurements to the DRNC using RNSAP procedures over the IUR, the user measurements including received signal code power (RSCP) and interference signal code power (ISCP).

30. (previously presented) The SRNC of claim 29 wherein the RSCP is the

RSCP of a common control channel.

31. (previously presented) The SRNC of claim 29 wherein the measurement response device is configured to retrieve the user measurements from a measurement collection device.

32. (previously presented) A wideband code division multiple access (W-CDMA) radio network controller (RNC) configured to operate as a serving radio network controller (SRNC) and a drift radio network controller (DRNC), the RNC comprising:

a logic device configured to control a measurement request device such that the measurement request device requests common measurements using a global procedures module of a radio network sublayer application part (RNSAP) procedures over a radio network controller interface (IUR) for another radio network controller (RNC), the common measurements including received total wideband power, load and global positioning system (GPS) timing information;

a measurement response device configured such that the measurement response device in response to receiving requests for the common measurements using the global procedures module of RNSAP procedures from the IUR, sends a response message using the global procedures module of the RNSAP procedures over the IUR;

the logic device configured when the RNC operates as the DRNC to control the measurement request device such that the measurement request device requests user measurements from another SRNC using RNSAP procedures over the IUR, the user measurements including received signal code power (RSCP) and interference signal code power (ISCP); and

the measurement response device configured such that when the RNC operates as the SRNC and in response to receiving requests for user measurements from another DRNC using RNSAP procedures via the IUR, the measurement response device sends the user measurements to the DRNC using RNSAP procedures over the IUR.

33. (previously presented) The RNC of claim 32 wherein the RSCP is the RSCP of a common control channel.

34. (previously presented) The RNC of claim 32 wherein the measurement request device is configured to receive responses to the requests for common measurements.

35. (previously presented) The RNC of claim 32 comprising a measurement collection device for storing the received responses.

36. (previously presented) A method for use in a wideband code division multiple access communication system having a serving radio network controller (SRNC) and a drift radio network controller (DRNC), the method comprising:

requesting by one of the DRNC and the SRNC common measurements using a global procedures module of a radio network sublayer application part (RNSAP) procedures over a radio network controller interface (IUR) for an other of the DRNC and the SRNC, the common measurements including received total wideband power, load and global positioning system (GPS) timing information;

in response to receiving requests for the common measurements using the global procedures module of the RNSAP procedures from the IUR by the other of

the DRNC and the SRNC, sending a response message using the global procedures module of the RNSAP procedures over the IUR;

the DRNC requesting user measurements from the SRNC using the RNSAP procedures over the IUR, the user measurements including received signal code power (RSCP) and interference signal code power (ISCP); and

the SRNC in response to receiving the request for user measurements, sending the user measurements to the DRNC using RNSAP procedures over the IUR.

37. (previously presented) The method of claim 36 wherein the RSCP is the RSCP of a common control channel.

38. (new) A wideband code division multiple access (W-CDMA) drift radio network controller (DRNC) comprising:

a logic device configured to control a measurement request device such that the measurement request device requests common measurements using a global procedures module of a radio network sublayer application part (RNSAP) procedures over a radio network controller interface (IUR) for another radio network controller (RNC), the common measurements including received total wideband power, load and global positioning system (GPS) timing information; and

the logic device configured to control the measurement request device such that the measurement request device requests user measurements from a serving radio network controller (SRNC) using RNSAP procedures over the IUR, the user measurements including received signal code power (RSCP) and interference signal code power (ISCP); and

a radio resource management device configured to use the RSCP and ISCP

Applicants: Rudolf et al.
Application No.: 10/606,716

user measurements to control resources of cells associated with the user measurements.